

## **RAW SEQUENCE LISTING**

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Application Serial Number: 10/511,758  
Source: PCT  
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PATENT APPLICATION: US/10/511,758

DATE: 08/22/2005  
TIME: 16:48:31

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3 <110> APPLICANT: BERGMANN, ANDREAS
4   FISCHER-SCHULZ, CHRISTINA
5   STRUCK, JOACHIM
7 <120> TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS OF INFLAMMATORY DISEASES AND
8   INFECTIONS BY DETERMINING THE LASP-1 IMMUNOREACTIVITY
10 <130> FILE REFERENCE: 121778-04341904
12 <140> CURRENT APPLICATION NUMBER: 10/511,758
13 <141> CURRENT FILING DATE: 2004-10-19
15 <150> PRIOR APPLICATION NUMBER: PCT/EP03/03940
16 <151> PRIOR FILING DATE: 2003-04-15
18 <150> PRIOR APPLICATION NUMBER: EP 02008840.7
19 <151> PRIOR FILING DATE: 2002-04-19
21 <160> NUMBER OF SEQ ID NOS: 17
23 <170> SOFTWARE: PatentIn Ver. 3.3
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 261
27 <212> TYPE: PRT
28 <213> ORGANISM: Homo sapiens
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35      20          25          30
37 Glu Thr Cys Lys Met Thr Leu Asn Met Lys Asn Tyr Lys Gly Tyr Glu
38      35          40          45
40 Lys Lys Pro Tyr Cys Asn Ala His Tyr Pro Lys Gln Ser Phe Thr Met
41      50          55          60
43 Val Ala Asp Thr Pro Glu Asn Leu Arg Leu Lys Gln Gln Ser Glu Leu
44      65          70          75          80
46 Gln Ser Gln Val Arg Tyr Lys Glu Glu Phe Glu Lys Asn Lys Gly Lys
47      85          90          95
49 Gly Phe Ser Val Val Ala Asp Thr Pro Glu Leu Gln Arg Ile Lys Lys
50      100         105         110
52 Thr Gln Asp Gln Ile Ser Asn Ile Lys Tyr His Glu Glu Phe Glu Lys
53      115         120         125
55 Ser Arg Met Gly Pro Ser Gly Gly Glu Gly Met Glu Pro Glu Arg Arg
56      130         135         140
58 Asp Ser Gln Asp Gly Ser Ser Tyr Arg Arg Pro Leu Glu Gln Gln Gln
59      145         150         155         160
61 Pro His His Ile Pro Thr Ser Ala Pro Val Tyr Gln Gln Pro Gln Gln
62      165         170         175
64 Gln Pro Val Ala Gln Ser Tyr Gly Gly Tyr Lys Glu Pro Ala Ala Pro
65      180         185         190

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67 Val Ser Ile Gln Arg Ser Ala Pro Gly Gly Gly Lys Arg Tyr Arg  
68 195 200 205  
70 Ala Val Tyr Asp Tyr Ser Ala Ala Asp Glu Asp Glu Val Ser Phe Gln  
71 210 215 220  
73 Asp Gly Asp Thr Ile Val Asn Val Gln Gln Ile Asp Asp Gly Trp Met  
74 225 230 235 240  
76 Tyr Gly Thr Val Glu Arg Thr Gly Asp Thr Gly Met Leu Pro Ala Asn  
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79 Tyr Val Glu Ala Ile  
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84 <211> LENGTH: 10  
85 <212> TYPE: PRT  
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125 <212> TYPE: PRT  
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130 1 5 10  
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134 <211> LENGTH: 12  
135 <212> TYPE: PRT  
136 <213> ORGANISM: Homo sapiens

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155 <212> TYPE: PRT  
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165 <212> TYPE: PRT  
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173 <210> SEQ ID NO: 11  
174 <211> LENGTH: 14  
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179 Gln Ser Phe Thr Met Val Ala Asp Thr Pro Glu Asn Leu Arg  
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185 <400> SEQUENCE: 12  
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195 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
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202 Gly Glu  
206 <210> SEQ ID NO: 14  
207 <211> LENGTH: 14  
208 <212> TYPE: PRT  
209 <213> ORGANISM: Artificial Sequence

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 230 Lys Tyr His Glu Glu Phe Glu Lys Ser Arg Met Gly Pro Ser Gly Gly  
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 244 <211> LENGTH: 323  
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 252 Lys Val Asn Cys Leu Asp Lys Phe Trp His Lys Ala Cys Phe His Cys  
 253 20 25 30  
 255 Glu Thr Cys Lys Met Thr Leu Asn Met Lys Asn Tyr Lys Gly Tyr Glu  
 256 35 40 45  
 258 Lys Lys Pro Tyr Cys Asn Ala His Tyr Pro Lys Gln Ser Phe Thr Met  
 259 50 55 60  
 261 Val Ala Asp Thr Pro Glu Asn Leu Arg Leu Lys Gln Gln Ser Glu Leu  
 262 65 70 75 80  
 264 Gln Ser Gln Val Arg Tyr Lys Glu Glu Phe Glu Lys Asn Lys Gly Lys  
 265 85 90 95  
 267 Gly Phe Ser Val Ala Asp Thr Pro Glu Leu Gln Arg Ile Lys Lys  
 268 100 105 110  
 270 Thr Gln Asp Gln Ile Ser Asn Ile Lys Tyr His Glu Glu Phe Glu Lys  
 271 115 120 125  
 273 Ser Arg Met Gly Pro Ser Gly Gly Glu Gly Met Glu Pro Glu Arg Arg  
 274 130 135 140  
 276 Asp Ser Gln Asp Gly Ser Ser Tyr Arg Arg Pro Leu Glu Gln Gln  
 277 145 150 155 160  
 279 Pro His His Ile Pro Thr Ser Ala Pro Val Tyr Gln Gln Pro Gln Gln  
 280 165 170 175

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282 Gln Pro Val Ala Gln Ser Tyr Gly Gly Tyr Lys Glu Pro Ala Ala Pro  
283 180 185 190  
285 Val Ser Ile Gln Arg Ser Ala Pro Ile Cys Leu Gln His Ile Pro Arg  
286 195 200 205  
288 His Arg Ile Arg Pro Gly Arg Asp Pro Ser Ile Leu Gln Cys Leu Cys  
289 210 215 220  
291 Phe Leu Lys Pro Ala Thr Ala Cys Asp Ser Tyr Pro Ser Ser Ser Phe  
292 225 230 235 240  
294 Phe Cys Gln Leu Lys Pro Ser Ser Ala Thr Ser Ala Gly Ser Leu Leu  
295 245 250 255  
297 Trp Gln Ala Ser Pro Leu Ile Asp Phe Leu Val Phe Ser Leu Asp Gly  
298 260 265 270  
300 Thr Gly Met Gly Leu Ser Gly Gly Arg Gly Pro Trp Gly Arg Ala  
301 275 280 285  
303 Gly Met Gly Asp Leu Leu Ala Cys Gly Pro His Leu Pro Leu Cys Ser  
304 290 295 300  
306 Leu Pro Ser His Pro Pro Ala Gln Leu Leu Thr Tyr Pro His Ile Pro  
307 305 310 315 320  
309 Gly Leu Gly  
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314 <211> LENGTH: 19  
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316 <213> ORGANISM: Artificial Sequence  
318 <220> FEATURE:  
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322 <400> SEQUENCE: 17  
323 Cys Val Tyr Gln Gln Pro Gln Gln Pro Val Ala Gln Ser Tyr Gly  
324 1 5 10 15  
326 Gly Tyr Lys

**VERIFICATION SUMMARY**

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